

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031119\
 Data File : VU029888.D
 Acq On : 08 Mar 2019 15:27
 Operator : JC/SP
 Sample : K1734-09RE
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1E2RE

Quant Time: Mar 08 22:18:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 08 22:13:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	477253	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	460788	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	211362	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	123581	35.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.68%
7) Chloroethane-d5	1.68	69	110586	35.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.14%
11) 1,1-Dichloroethene-d2	2.27	63	175090	25.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.22%#
21) 2-Butanone-d5	4.17	46	217104	102.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.01%
24) Chloroform-d	4.65	84	257186	45.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.68%
26) 1,2-Dichloroethane-d4	5.31	65	158709	44.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.38%
32) Benzene-d6	5.34	84	547815	47.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.50%
36) 1,2-Dichloropropane-d6	6.33	67	176699	50.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.30%
41) Toluene-d8	7.56	98	494570	41.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	7.85	79	77817	42.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.12%
47) 2-Hexanone-d5	8.31	63	174685	89.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	270339	45.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	208914	45.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.74%

Target Compounds

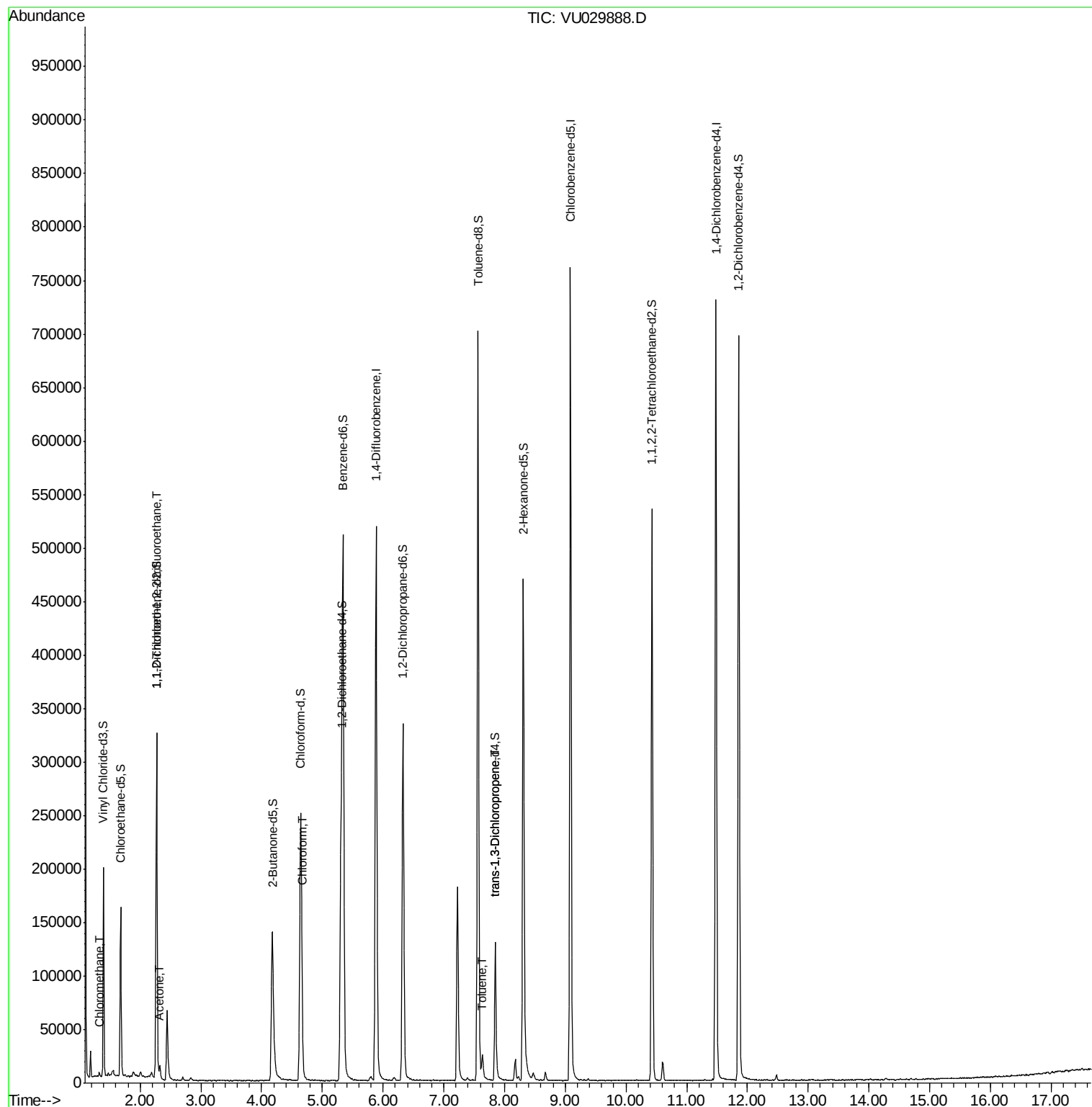
					Qvalue
3) Chloromethane	1.33	50	2652	0.924 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2046	0.615 ug/L #	18
13) Acetone	2.32	43	11699	5.144 ug/L	99
25) Chloroform	4.67	83	8575	1.524 ug/L	84
42) Toluene	7.64	91	17037	1.219 ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	3144	0.667 ug/L	87

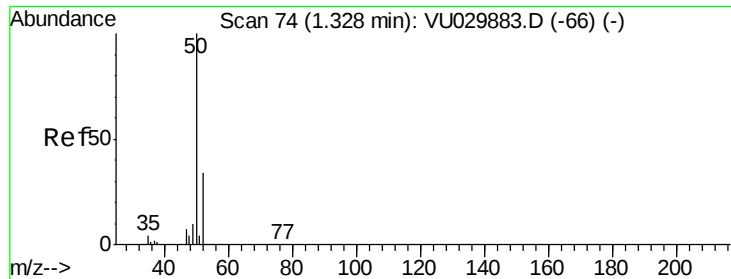
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.924 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU029888.D

Acq: 08 Mar 2019 15:27

Instrument :

MSVOA_U

ClientSampleId :

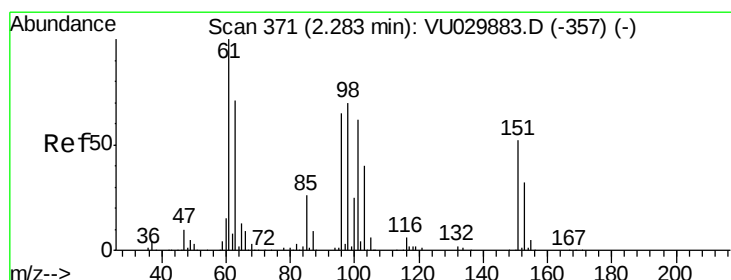
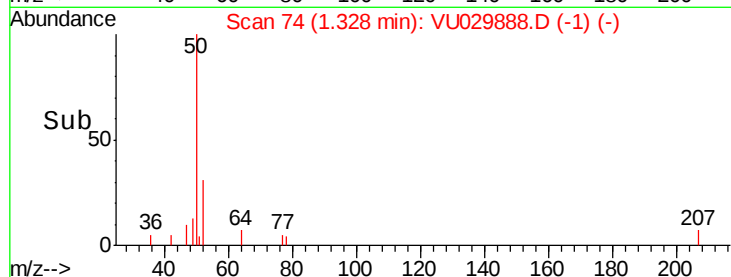
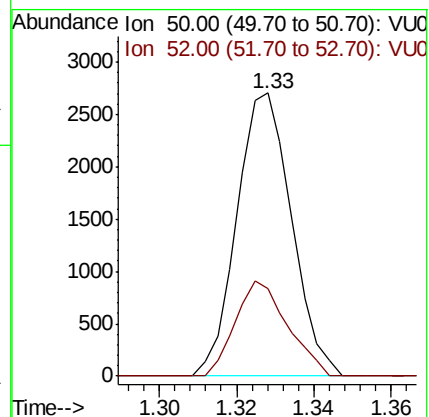
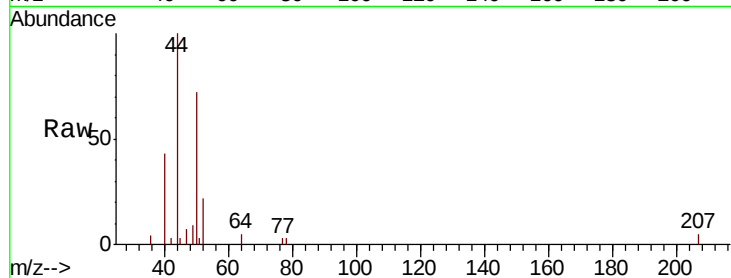
BF1E2RE

Tgt Ion: 50 Resp: 2652

Ion Ratio Lower Upper

50 100

52 31.1 23.9 44.3



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.615 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029888.D

Acq: 08 Mar 2019 15:27

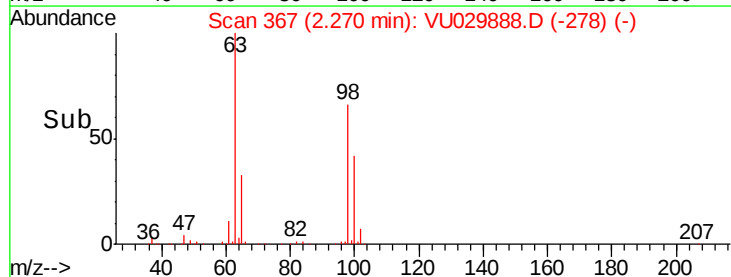
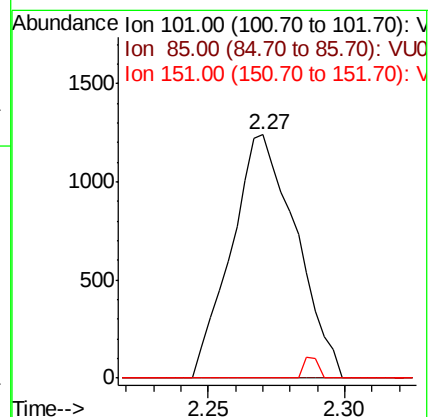
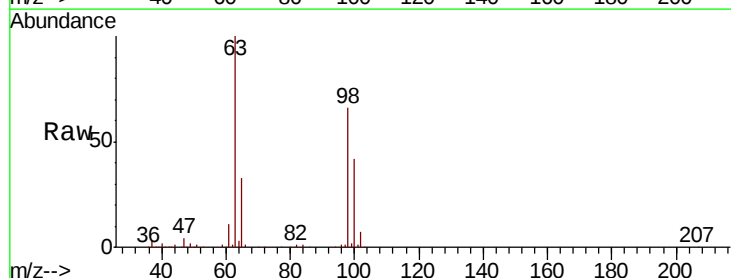
Tgt Ion: 101 Resp: 2046

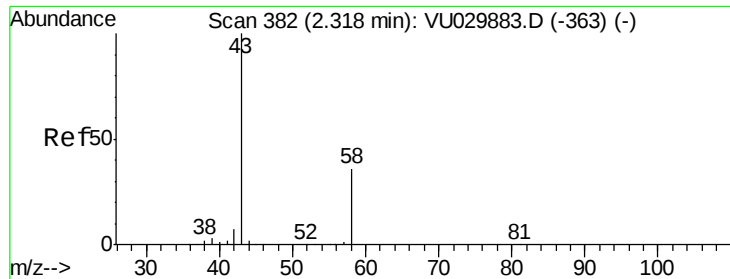
Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

151 2.0 65.7 98.5#





#13

Acetone

Concen: 5.144 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029888.D

Acq: 08 Mar 2019 15:27

Instrument :

MSVOA_U

ClientSampleId :

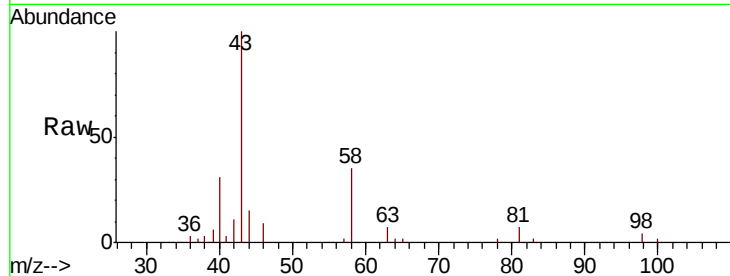
BF1E2RE

Tgt Ion: 43 Resp: 11699

Ion Ratio Lower Upper

43 100

58 33.8 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

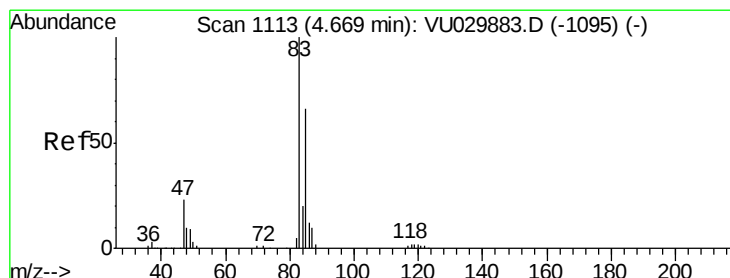
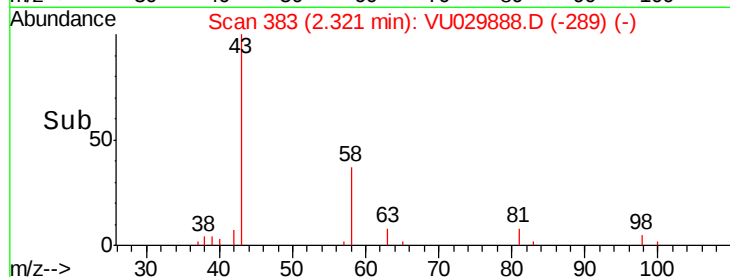
6000

4000

2000

0

Time--> 2.25 2.30 2.35 2.40



#25

Chloroform

Concen: 1.524 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU029888.D

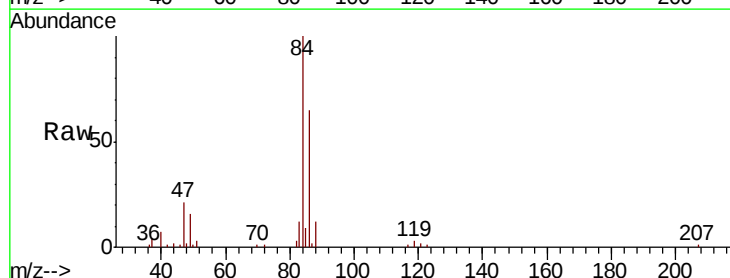
Acq: 08 Mar 2019 15:27

Tgt Ion: 83 Resp: 8575

Ion Ratio Lower Upper

83 100

85 77.8 45.4 84.2



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

4.67

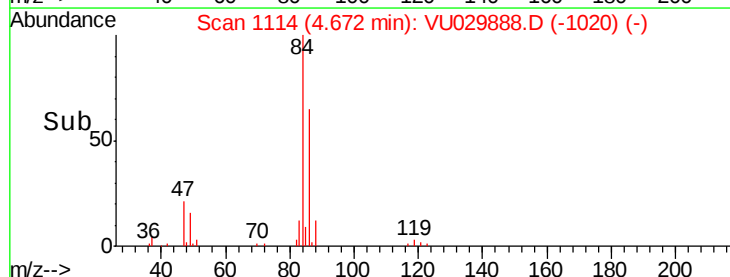
3000

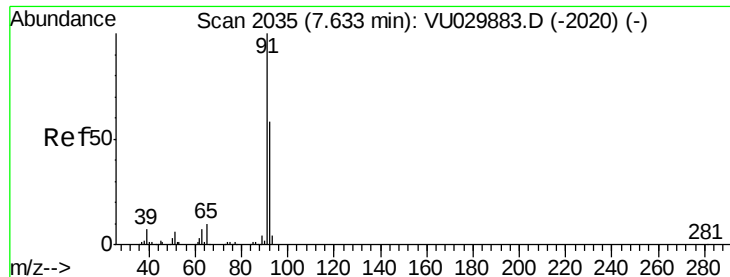
2000

1000

0

Time--> 4.60 4.65 4.70 4.75





#42

Toluene

Concen: 1.219 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VU029888.D

Acq: 08 Mar 2019 15:27

Instrument :

MSVOA_U

ClientSampleId :

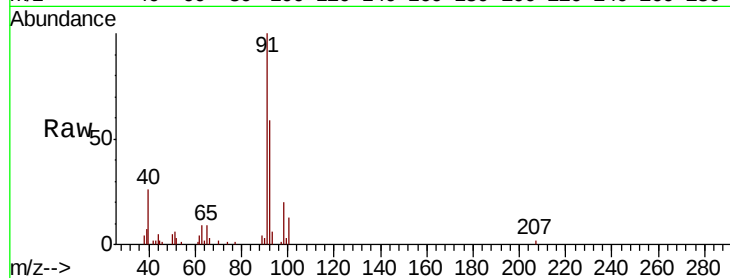
BF1E2RE

Tgt Ion: 91 Resp: 17037

Ion Ratio Lower Upper

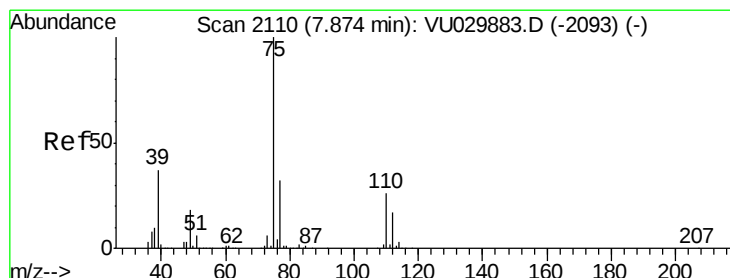
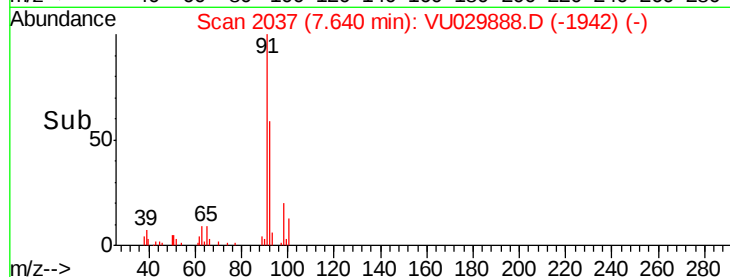
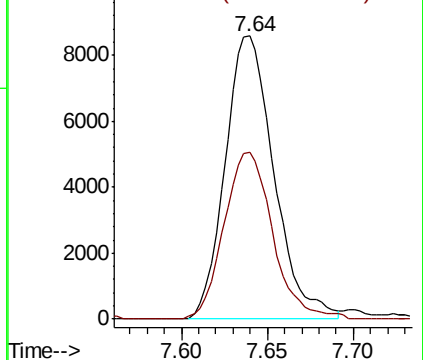
91 100

92 59.0 40.8 75.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.667 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU029888.D

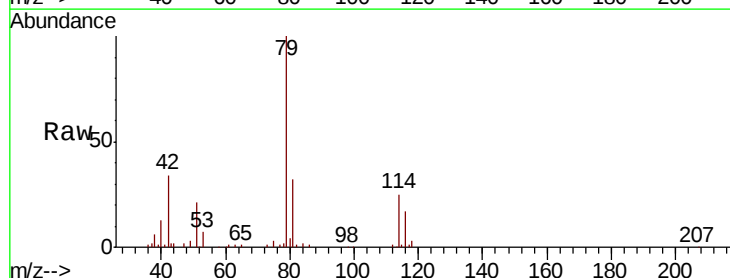
Acq: 08 Mar 2019 15:27

Tgt Ion: 75 Resp: 3144

Ion Ratio Lower Upper

75 100

77 38.9 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

